RFQ Injector Installation Updates (22 Aug – 29 Aug 2012)

C.Y. Tan 29 Aug 2012

			l m -			how/hide Linac s		
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
RFQ		101110	/ o waii		sassemble I- colu		-	
wk 19	Sep 2	3	4	5	6	7	8	
RFQ				install platfo	orm and steps	disassemble LEBT		
wk 20 RFQ	Sep 9	10	11	12	13	14	15	
		disassemble LEBT	disconnect pow	ver/water in 750		cables in tray		
wk 21	Sep 16	17	18	19	20	21	22	
RFQ		install platform and steps cut door in concrete						
		H- line			ne components			
					I- and I- supplies			
wk 22	Sep 23	24	25	26	27	28	29	
RFQ		install platform and steps						
			put power supplies in remove 750 line magnets and stands					
wk 23	Sep 30	Oct 1	2	3	4	5	6	
RFQ	Sep 30	Ott I		rce racks/contro	1-	P	0	
		pull cables			install safety system electronics/cabling			
		remove orange steel			install supp	ort I beams		
wk 24	Oct 7	8		10	11	12	13	
RFQ			install LEBT	l	put rougher in	install RFQ		
vk 25	Oct 14	15	16	17	18	19	20	
RFQ		ion source startup	connect vacuum controls	connect high power RF to RFQ	connect power to solenoids	connect water to RFQ, solenoids		
wk 26	Oct 21	22	23	24	25	26	27	
RFQ		<u>a</u>	lign LEBT and R	<u>FQ</u>	pumpdown, leak check	condition RFQ and get arc	beam tests	
vk 27	Oct 28	29	30	31	Nov 1	2	3	
RFQ	beam tests	install ME	BT, connect MEI	3T to tank 1		connect water to quads		
				align MEBT		connect vac ctrl, high power RF, power to quads		
wk 28 RFQ	Nov 4	5	6	7	8	9	10	
			n, leak check		condition bunche	er		
			interlocks testing					
wk 29	Nov 11	12	13	14	15	16	17	
RFQ		power testing		l .	test to end of ta		ı-·	
vk 30	Nov 18	19	20	21	22	23	24	
RFQ		'		studies / commi			'	
wk 31	Nov 25	26	27	28	29	30	Dec 1	
mec	h vacuum/rig	ging	mech water	alig	gnment	rad safety		
							manager	
Boo	ster RF		Booster personn	el Lir	nac personnel	RFQ pers	onnel	

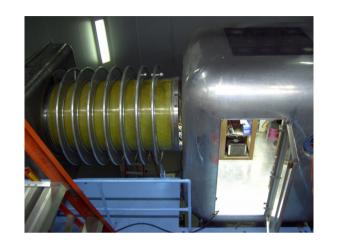
IR

Wall is off





Column detached











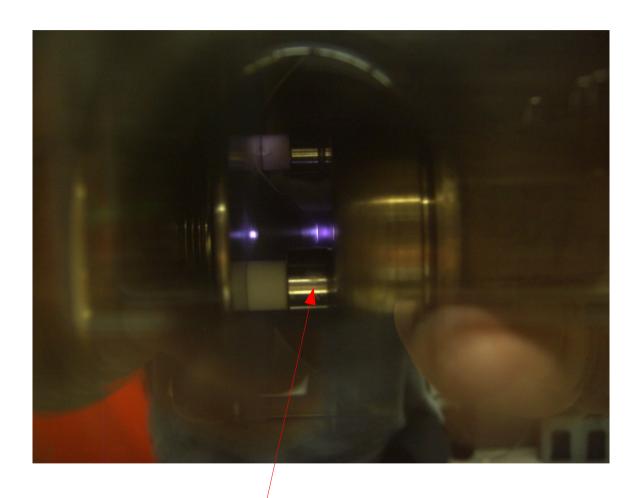


Resistor





Source Improvements



Metal collars

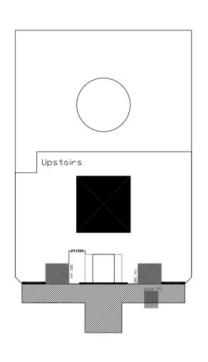
MEBT stand is here!

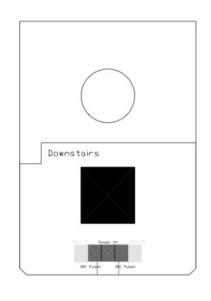




Some parts not correct. Will be sent back to manufacturer.

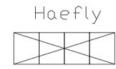
Floor Plans





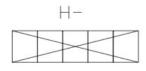
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Plans

- Construction of platform starts.
- Test area preparation for LEBT move
 - Power and vacuum cables removed from test line.
 - Cubes removed from test line
 - Solenoids?